PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference DNI-0025-PCT	FOR FURTHER ACTION as w	see Form PCT/ISA/220 vell as, where applicable, item 5 below.
International application No. PCT/US04/13339	International filing date (day/month 30 April 2004 (30.04.2004)	(Earliest) Priority Date (day/month/year) 30 April 2003 (30.04.2003)
Applicant DYNO NOBEL INC.		
according to Article 18. A copy is being This international search report consists of	transmitted to the International Bu	
language in which it was filed, ur The international	aless otherwise indicated under this it search was carried out on the basis o	on the basis of the international application in the em. f a translation of the international application furnished
2. Certain claims were found 3. Unity of invention is lackin 4. With regard to the title, the text is approved as subm	de and/or amino acid sequence disclunsearchable (See Box No. II) g (See Box No. III)	osed in the international application, see Box No. I.
	, according to Rule 38.2(b), by this A	authority as it appears in Box No. IV. The applicant nal search report, submit comments to this Authority.
as suggested by the	Authority, because the applicant failed Authority, because this figure better c	i to suggest a figure.

Form PCT/ISA/210 (first sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/13339

A. CLAS IPC(7) US CL	SIFICATION OF SUBJECT MATTER : C06C 5/04 : 102/275.8				
		and election and IDC			
	International Patent Classification (IPC) or to both nations	onal classification and IFC			
B. FIELD	DS SEARCHED	<u></u>			
	sumentation searched (classification system followed by 2/275.8,275.9,275.1,275.5,275.6; 86/21,22,1.1	classification symbols)			
Documentation	on searched other than minimum documentation to the e	extent that such documents are included in	the fields searched		
	ta base consulted during the international search (name PGPUB, Derwents Abstracts	of data base and, where practicable, search	n terms used)		
	JMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where ap		Relevant to claim No.		
Y	US 4,220,087 A (POSSON) 02 September 1980 (02.0	9.1980), see entire document.	1-25		
Α	US 4,699,059 A (KELLY et al.) 13 October 1987 (13.10.1987), see abstract.				
Y	US 5,681,904 A (MANZARA) 28 October 1997 (28.1 24; col. 2, lines 10-25.	10.1997), see abstract; col. 1, lines 10-	1-25		
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A	US 5,827,994 A (GLADDEN et al.) 27 October 1998	(27.10.1998), see abstract.	16, 22		
A	US 5,009,163 A (ROBINS et al.) 23 April 1991 (23.0	4.1991), see col. 4, lines 10 - 26,;	17, 23		
A	claims 1 & 7. WO 01/08937 A1 (HERRMANN) 8 February 2001 (08.02.2001), see abstract and figures 1-				
A	4. US 6,170,398 A (RABOTINSKY et al.) 09 January 2	001 (09.01.2001), see abstract.	5, 10		
Α	A US 4,756,250 A (DIAS DOS SANTOS) 12 July 1988 (12.07.1988), see abstract. 1-25				
<u> </u>					
Further	documents are listed in the continuation of Box C.	See patent family annex.			
• S	pecial categories of cited documents:	"T" later document published after the inte			
	date and not in conflict with the application but cited to understand the principle or theory underlying the invention				
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"O" documen	t referring to an oral disclosure, use, exhibition or other means	combined with one or more other such being obvious to a person skilled in the			
	t published prior to the international filing date but later than the late claimed	"&" document member of the same patent	family		
	Date of the actual completion of the international search Date of mailing of the international search Date of mailing of the international search JAN 2005				
15 October 2004 (15.10.2004)					
1	Name and mailing address of the ISA/US Authorized officer				
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INTERNATIONAL SEARCH REPORT

International application No. PCT/US04/13339

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Α	US 5,597,973 A (GLADDEN et al.) 28 January 1997 (28.01.1997), col. 2, lines 20-57.	1-25
Α	US 5,509,355 A (STEWART et al.) 23 April 1996 (23.04.1996), see abstract.	1-25
Α	US 5,383,405 A (EVEREST) 24 January 1995 (24.01.1995), see abstract, fig. 4.	1-25
Α	US 4,607,573 A (THURESON et al.) 26 August 1986 (26.08.1986), see abstract and figures.	1-25
Α	US 3,730,096 A (PRIOR), 01 May 1973 (01.05.1973), see abstract and figures.	1-25
Α	US 5,212,341 A (OSBORNE et al.) 18 May 1993 (18.05.1993), see abstract and figures.	1-25
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